

PROJECT NUMBER: 5001
PROJECT TITLE: Packaging Studies
PROJECT LEADER: H. R. Dunaway
PERIOD COVERED: October, 1988

PACKAGING STUDIES

A. Objective: Provide technical packaging support to Manufacturing, Manufacturing Services, Engineering, Purchasing, and Quality Assurance. In addition, assist New Products Directorate in evaluating new packaging concepts and products.

B. Status/Plans:

Residual Printing Solvents in Packaging Materials: Evaluation of the following items was coordinated in the past month.

- Marlboro KS SP Foil Carton Overwrap - General Foods
- Alpine Singapore Ink Samples - JWF
- B&H 100 FF SP 20 - IPC
- Merit UL KS SP 20 - GB
- PALL MALL RED LABEL - GB
- PALL MALL GOLD LABEL - GB
- CARLTON LTS BLUE LABEL - GB
- Diisononyl phthalate - Strahan Ink
- Marl FT 20 (Ivory Board) from Indonesia
- B&H 100 FF SP 20 - Alford
- 5 SP Labels With Experimental Ink Systems - JWF
- Alpine LTS 100 SP 20 - IPC
- Alpine FF 100 SP 20 - IPC
- BUCKS KS SP 20 - Alford
- BUCKS 100 SP 20 - Alford
- Merit Carton Inserts - Weber
- Virginia Slims Carton Inserts - Weber
- Marl Men LTS SP Carton Insert - AGI
- Gridlock NonFilter KS SP 20/200 - GP
- Gridlock NonFilter KS SP 20 - JWF
- Sample gravure printed labels - JWF
- FVB Non-Filter KS SP 20/200 - SP
- FVB Non-Filter KS SP 20 - IPC

Purchasing was advised on the acceptability of the above items for use in production, and where necessary, recommendations were made on the proper handling prior to use.

Poly Laminated Blanks and Cartons: A trial run was made at semi-works with two possible glue candidates for use on SBS board with polypropylene laminated to the inside surface. A short environmental test was conducted to determine if either of the adhesives failed under adverse conditions. An adhesive has been chosen, and a 12 week full case OV study is planned to evaluate these materials for improved moisture retention.